VISION
installation:innovation

INSTALLATION SOLUTIONS 2010

AUDIO CONNECTIVITY CONTROL BRACKETRY

DESIGNED BY INSTALLERS FOR INSTALLERS

www.visionaudiovisual.com

Vision continues to be a brand-leader in audio-visual installation components, adding unique new products designed to save installers time on the job and allow a unique level of integration. What makes the Techconnect^2 range so special is that they can be used as standalone products or with each other. Techconnect^2 brings connectivity, audio, and control together in one system.

MEET DAVE
HE'S GOT VISION

He's an installer just like you, and he'll be offering useful tips through-out this catalogue.

Our products speak for themselves

In 2009 Vision was awarded the AV Awards: "Audio Product of the Year" and "Projection Product of the Year", and Vision was also nominated as finalist for the InAVate "Audio Product of the Year 2010" Award.

NEW PLUG-IN CABLES

New for 2010, all modules feature plug-in connectors on the rear. Cables come pre-terminated with male connectors which are simply plugged into the rear of the module. Need to shorten or pull a cable? Just unscrew the phoenix connector. Techconnect^2 gives you the speed of a pre-terminated system with the flexibility you sometimes need.

ATTRACTIVE

The Techconnect^2 range features an attractive architectural front surround system making it suitable for corporate and home-cinema applications, plus robust clip-in modules make it super-quick to install and flexible.

NEW PCB DESIGN

Also new for 2010 the printed circuit boards on the modules have been upgraded to multi-layer, enabling them to be much smaller. There is much more space behind each module for cables.

UPGRADE PATH

Need to replace a module or add to a faceplate? Techconnect2 makes it simple, easy, and cost-effective. The modules are interchangeable, so if in the future you require a different connector to be installed, you can simply buy just the module you want and install it.

ANY APPLICATION

Pro-audio? Networking? Home cinema? Corporate AV? Modules with a huge variety of connectors are available for any application.

STANDARD BACKBOXES

Techconnect2 packages come with a surface-mounted 'backbox' and a 'surround' - the part the modules clip into. The range includes various flush and surface mounting backboxes, and all the surrounds conform to standard British sizes so they fit any locally sourced backboxes. Australian and American surrounds are also available which conform to local standards.

Vision also offers a full range of audio, mount, and signal management solutions at the back of this catalogue – all uniquely designed by installers, for installers.

Short videos are now available on the new Vision website explaining the features and benefits of each product, plus you can download manuals, product pdfs, and high-resolution images. Don't hesitate to contact us through the website if you have any questions or feedback!

www.visionaudiovisual.com

TECHCONNECT² FLEXIBILITY

Unparalleled Flexibility

The Techconnect² is the only family of products which seamlessly integrates connectivity, audio, and projector control. It allows you to create consistent, professional, high quality installations which can easily be revised at any time. The future-proof modular design makes upgrading and repairs simple.

THE ADVANTAGES ARE ENDLESS...

- Fast installation
- Solder-free, minimizing 'go-backs'
- Save time on ordering and administration
- Control, amplifier and connectivity parts all match
- All parts are made to work together
- Inputs are clearly identifiable
- No un-terminated connectors to confuse end-users
- Modular design allows retrospective changes
- One warranty covering the complete solution
- Convenient packages or individual parts

POSSIBLE COMBINATIONS OF TECHCONNECT² PRODUCTS

EXAMPLE 1

Techconnect² Tilt with Amplifier

Manu code: TC2-TILT / Part code: 1584482
Manu code: TC2-AMP2 / Part code: 1872510

EXAMPLE 2

Techconnect² Standard Package for complex installations with Control

Manu code: TC2 / Part code: 1643907
Manu code: TC2-CTL2 / Part code: 1872511

EXAMPLE 3

Techconnect² Standard Package for complex installations with Amplifier

Manu code: TC2 / Part code: 1643907
Manu code: TC2-AMP2 / Part code: 1872510

EXAMPLE 4

Techconnect² Lite Package for complex installations with Control

Manu code: TC2-LT / Part code: 1643286
Manu code: TC2-CTL2 / Part code: 1872511

EXAMPLE 5

Techconnect² Lite Package for complex installations with Amplifier

Manu code: TC2-LT / Part code: 1643286
Manu code: TC2-AMP2 / Part code: 1872510

DAVE SAYS...

"I use the 'Lite' package as a basis for all of my installations, then add what I need."

TECHCONNECT² QUALITY

Why buy Vision Cable?

INSTALLATION-GRADE CABLE

When choosing cable don't be fooled by a thick cable jacket. A major cost component of cables is copper, so cheap cables have inadequate copper. Compromising can result in cable which doesn't support high resolutions. The cross-sectional area of conductors allows sufficient current-carrying capacity to support a high resolution signal. AWG for Techconnect² cable:

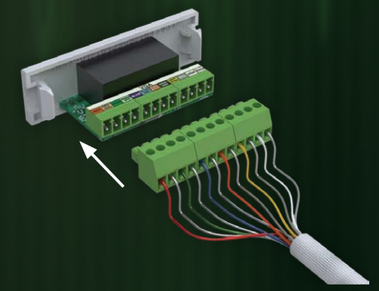
- VGA: 28AWG coax cables for red/ green/blue
- Phono / Minijack: 26AWG
- S-Video: 28AWG

QUALITY CONSTRUCTION

Techconnect² cable shielding is evenly wound to prevent ghosting, flagging, and image jitter. Ferrite Cores included on VGA cables to eliminate radio-frequency induction noise. All cable jackets are easy-to-hide white or beige.

PLUG-AND-PLAY CONNECTIVITY

Unlike competing VGA cable, our quality cable has SDA and SCL data lines to support DDC2B (Display Data Channel) which allows the display device to communicate its supported display modes. Without these the user will not experience plug-and-play connectivity and will have to manually setup resolution and colour bit depth.



Robust Modules

HOW TOUGH CAN YOU GET?

Vision's design team bent, twisted, and smashed hundreds of samples to make sure Techconnect² is up to the rigors of an installation environment.

NOT BRITTLE

Our backboxes are carefully designed with convenient easy-push-out sections for trunking, and because all Techconnect² parts are made from ABS plastic they flex instead of breaking.

UNBREAKABLE... ALMOST

Try breaking a Techconnect² module and be amazed how rugged they are. You'll find it much harder than you expect.

BETTER RF ISOLATION

Using plastic gives our connectors better insulation characteristics eliminating EMF and RF noise and cross-talk.

BETTER FIT AND FINISH

Plastic also allows us to deliver a product whose fit and finish is greatly superior to metal.

POSITIVE CLIP-IN ACTION

The clip-in action of the modules has been carefully weighted to favour strength over ease of installation. They require solid force to clip into place which makes them extremely difficult to pull out without using the proper method.

DAVE SAYS...

"Techconnect backboxes don't shatter when I push out the cable holes."

TECHCONNECT² STANDARD PACKAGE

TC² Standard Wall-Mount Faceplate Package

NEW! FEATURES EASY PLUG-IN CABLES

This package includes an exhaustive selection of modules required for a do-it-yourself installation, plus extras just in case. Module and Cable packages are sold separately. Use your own cables with the module package or select one of our pre-terminated cable packages.

STANDARD MODULE PACKAGE

INCLUDED:

- 1 x 2-Gang UK Backbox (surface mount)
- 1 x 2-Gang Surround (accommodates 5 modules)
- 2 x VGA with Minijack Module
- 1 x USB (B-type on front) Module
- 1 x S-Video with 2-phono Module
- 1 x 3-Phono Module
- 1 x RJ45 Module
- 1 x Bare-wire speaker terminals Module
- 3 x Blanking panels Module

Manu code: TC2
Part code: 1643907

STANDARD 10M CABLE PACKAGE

INCLUDED:

- 2 x VGA Cables
- 1 x Minijack Cable
- 1 x 1-phono (RCA) Cable for Composite Video
- 1 x 2-phono (RCA) Cable for Stereo Audio
- 1 x S-video Cable

Manu code: TC2-10MCABLES
Part code: 1474525

STANDARD 15M CABLE PACKAGE

INCLUDED:

- 2 x VGA Cables
- 1 x Minijack Cable
- 1 x 1-phono (RCA) Cable for Composite Video
- 1 x 2-phono (RCA) Cable for Stereo Audio
- 1 x S-video Cable

Manu code: TC2-15MCABLES
Part code: 14745256

STANDARD 5M CABLE PACKAGE

INCLUDED:

- 2 x VGA Cables
- 1 x Minijack Cable
- 1 x 1-phono (RCA) Cable for Composite Video
- 1 x 2-phono (RCA) Cable for Stereo Audio
- 1 x S-video Cable

Manu code: TC2-5MCABLES
Part code: 1740256

BUY IN BUNDLES FOR FURTHER DISCOUNT:

STANDARD TECHCONNECT² 5M BUNDLE	STANDARD TECHCONNECT² 10M BUNDLE	STANDARD TECHCONNECT² 15M BUNDLE
Manu code: TC2+5MCABLES Part code: 1783082	Manu code: TC2+10MCABLES Part code: 1693872	Manu code: TC2+15MCABLES Part code: 1693873

TECHCONNECT² LITE PACKAGE

TC² Lite Wall-Mount Faceplate Package

NEW! FEATURES EASY PLUG-IN CABLES

With a minimal selection of modules, this package suits professional installers who can use it as a starting point and add more modules as required. Module and Cable packages are sold separately. Use your own cables with the module package or select one of our pre-terminated cable packages.

DAVE SAYS...

"Shortening cables is a breeze and to pull cables I just take the phoenix connector off."

LITE MODULE PACKAGE

INCLUDED:

- 1 x 2-Gang UK Backbox (surface mount)
- 1 x 2-Gang Surround (accommodates 5 modules)
- 1 x VGA with Minijack Module
- 1 x USB (B-type on front) Module
- 1 x 3-Phono Module
- 3 x Blanking panels Module

Manu code: TC2-LT
Part code: 1643286

LITE 5M CABLE PACKAGE

INCLUDED:

- 1 x VGA Cables
- 1 x Minijack Cable
- 1 x 1-phono (RCA) Cable for Composite Video
- 1 x 2-phono (RCA) Cable for Stereo Audio

Manu code: TC2-LT5MCABLES
Part code: 174025

LITE 10M CABLE PACKAGE

INCLUDED:

- 1 x VGA Cables
- 1 x Minijack Cable
- 1 x 1-phono (RCA) Cable for Composite Video
- 1 x 2-phono (RCA) Cable for Stereo Audio

Manu code: TC2-LT10MCABLES
Part code: 1643287

LITE 15M CABLE PACKAGE

INCLUDED:

- 1 x VGA Cables
- 1 x Minijack Cable
- 1 x 1-phono (RCA) Cable for Composite Video
- 1 x 2-phono (RCA) Cable for Stereo Audio

Manu code: TC2-LT15MCABLES
Part code: 1643288

BUY IN BUNDLES FOR FURTHER DISCOUNT:

LITE TECHCONNECT² 5M BUNDLE	LITE TECHCONNECT² 10M BUNDLE	LITE TECHCONNECT² 15M BUNDLE
Manu code: TC2-LT+5MCABLES Part code: 1783083	Manu code: TC2-LT+10MCABLES Part code: 1688515	Manu code: TC2-LT+15MCABLES Part code: 1688516

TECHCONNECT² AMPLIFIER²

WINNER
AV Awards "Audio Product of the Year"
2009

FINALIST
InAVate Awards "Commercial Audio Product of the Year"
2009

2 x 20w Digital Amplifier Module

By using latest low-impedance digital amplifier chip technology the new Techconnect² Amp² module outputs a massive 2 x 20w RMS (at 8 ohms) but fits into the chassis of a double-module.

NEW! QUICK-ACCESS INPUT

Two Inputs are wired into the rear with removable phoenix connectors, PLUS Input 1 is duplicated on the front panel with a minijack socket for convenience. This half-normalled input disconnects the rear terminal while in use.

GREEN D-CLASS AMPLIFIER

Digital amplifiers use no power unless they are working, so even on at full volume; unless it is receiving input it is effectively off. Digital amplifiers run cold so a bulky heatsink is not necessary - but don't let size deceive you: the Techconnect Amp² can drive into a 4 ohm load powering up to four speakers.

NEW! LED DISPLAY

A clear display makes it easy to use and a revised control interface gives instant access to controls. Because it can be installed anywhere in the room it is easier to access than powered speaker controls.

NEW! REMOTE CONTROL INCLUDED!

IR receivers are positioned on the front for normal use and on the rear for integration with a control system such as the Techconnect Control².

EASY TO INSTALL AND UNINSTALL

Robust and easy to install; the inputs and outputs are all via removable phoenix connectors which allow end users to uninstall easily if required. Short input cables are included for connection to the rear of adjacent input modules on the connectivity faceplate.

WALL MOUNTED AND SECURE

Perfect for when you don't have furniture to sit an amplifier on, and because it is mounted to the wall it is less obvious as a target for theft. It is close at hand if volume adjustments need to be made, making it perfect for training rooms, boardrooms, and classrooms.

INTEGRATED TECHCONNECT² FAMILY

A single-gang backbox and surround is included or you can mount in a double-gang surround with other connectivity modules. You could even mount into a Techconnect² Tilt in the table!

LAPTOP-STYLE POWER SUPPLY

A 3m DC tail which can be shortened means easy routing of power cable through trunking. Velcro is included for fixing the power supply in place, or a blank surround is available to hide it in a standard double-gang UK backbox.

SPECIFICATIONS

DIMENSIONS: 42 x 71 x 40mm

AMPLIFIER WEIGHT: 63 grams

COLOUR: White

INPUTS: 2 x Stereo inputs via removable phoenix connectors

TECHNICAL DETAILS:

- 2 x 20w @ 8 ohms
- Total Harmonic Distortion less than or equal to 1% (20Hz~22kHz)
- Frequency response (line in): 80Hz~22kHz(±2dB)
- Signal to noise ratio (line in): more than or equal to 98dB (A-weighted)
- Rating input level/impedance: Line in 500mV/50k?
- Power Supply 100-240vAC 50/60Hz, Max 1A, DC Output 12V 4A, DC Cable 3m
- Power consumption (rating condition): less than or equal to 40W

ACCESSORIES INCLUDED

- 1 x Single-gang Backbox
- 1 x Single-gang Surround
- 2 x 150mm input cables
- 2 x Unshielded Speaker cable 5m long
- 1 x Euro Figure-8 Power cable 2m long
- 1 x UK Figure-8 Power cable 2m long

Manu code: TC2-AMP2 / Part code: 1872510

BUY IN BUNDLES FOR FURTHER DISCOUNT:

TC² AMP² & BLACK WALL SPEAKERS BUNDLE
Manu code: TC2-AMP2+SP-1300B
Part code: 1703068

TC² AMP² & WHITE WALL SPEAKERS BUNDLE
Manu code: TC2-AMP2+SP-1300W
Part code: 1703069

TC² AMP² & CEILING SPEAKERS BUNDLE
Manu code: TC2-AMP2+CS-1300
Part code: 1703070

TECHCONNECT² CONTROL²

Learning IR Control Module

NEW! THE NEW TECHCONNECT² CONTROL² HAS BEEN FULLY REVISED.

With the new modular Techconnect Control² the button layout and labels can be changed to suit each application. Whether it be for a small installation or a large roll-out, using this control device to standardise the control interface results in confident users and fewer support calls.

MULTI-DEVICE CONTROL

The module learns codes for up to three AV devices. Press 'ON' once to simultaneously drop the screen, turn the projector, and turn the amplifier on.

ADVANCED IR LEARNING

Use the remote control from your equipment to program the module in a few easy steps. The Control² has increased processing and memory power to cover a wider range of IR protocols.

DUPLICATION FOR ROLL-OUTS

The codes from one Control² module can be duplicated to other Control² modules.

MAINS POWER OPTION

A smaller long life 3-Volt lithium battery is included or it can share the power supply provided with a Techconnect Amplifier². This power supply is also available as a spare.

INTEGRATION

A single-gang surround and backbox is included or you can mount it in a surround with other modules.

INTELLIGENT FUNCTION-SPECIFIC BUTTONS

POWER:
The power buttons (top) are pre-set to send up to three stored codes each at the same time for turning all equipment on or off with one press. It will automatically send the projector's 'off' code twice.

INPUT:
The input buttons (middle) can learn up to four codes each, and can broadcast in two ways: to suit your application:

Sequential Example:
Press 1: Projector PC1 Input
Press 2: Projector PC2 Input
Press 3: Projector VID Input
Press 4: Projector S-VID Input

Toggle Example:
Press 1: Projector PC1 Input and Amplifier Input 1

Press 2: Projector PC2 Input and Amplifier Input 2

VOLUME:
The volume buttons (bottom) can only learn one code each, but outputs that code repeatedly if held down.

DAVE SAYS...
"Programming this is dead easy, but it's a deceptively powerful product."

SPECIFICATIONS

MODULE DIMENSIONS: 71 x 42 x 31mm

MODULE WEIGHT: 63 grams

COLOUR: White

POWER CONSUMPTION:
Static: <= 5uA
Sending: <= 20mA
Copying: <= 10mA

ACCESSORIES INCLUDED

- 26 x Interchangeable buttons
- 1 x Single-Gang Techconnect Backbox
- 1 x Single-Gang Techconnect Surround
- 1 x IR Blaster with 10m cable
- 2 x IR Blaster without cable
- 1 x 3V Lithium CR2450 Battery

Manu code: TC2-CTL2 / Part code: 1872511

Optional Power Supply:
Manu code: TC2-CTL2PWR
Part code: 1872512

TECHCONNECT² TILT

Modular Table-Mounted Faceplate

When a projector is installed on the ceiling you need a way of plugging your laptop or other source equipment into it without having to clamber up on the table. The Techconnect modular faceplate system makes this simple allowing you to make the input connectors available on an easily accessible wall plate.

TABLE MOUNTED

The normal wall-mounted Techconnect is ideal if your PC is on a table directly next to the wall, but in a boardroom or meeting room where the table is in the centre of the room, you need those connectors to be in the centre of the table for easy connection so you don't risk tripping up on ugly cables strewn across the room.

MOTORIZED

Mounted into the centre of the table, touch the button and the motorized faceplate tilts up offering power, VGA, audio, and network connections within handy reach. Integrated safety features mean if heavy objects are sitting on top it will not power into position. And the super-robust motor will not be damaged if a user mistakenly forces the lid down by hand after use, rather than pressing the touch button to make it power down. The motor is rated to work over a hundred-thousand times without failing, meaning years of reliable service.

ENCLOSED BASE

The Techconnect Tilt is completely enclosed and safe.

SIMPLE TO INSTALL

The hole required in the table requires a 210mm diameter. The cleanest way to cut this hole is with a hole-saw drill bit, such as a Starrett STRHS210 with an arbour – the same drill bit that you use to fit our CS-1300 Ceiling speakers. When installed and 'off', the Techconnect Tilt is almost completely flush with the table surface. The unique clamping system allows installation to tables of varying thickness.

DAVE SAYS...

"The motorised tilt action looks fantastic, and being round makes it so easy to install."

SPECIFICATIONS

DIMENSIONS:
164 x 145 x 200mm (side x side x height)

PRODUCT WEIGHT: 3.7kg

COLOUR: Black

MOTOR CURRENT AND TORQUE

Going up: 0.7A, 30n

Going down: 0.45A, 20n

CUTOUT DIAMETER: 220-226mm

OUTER DIATMETER: 240mm

POWER SUPPLY: 100-240V, Output 12VDC, 1000mA, 12W

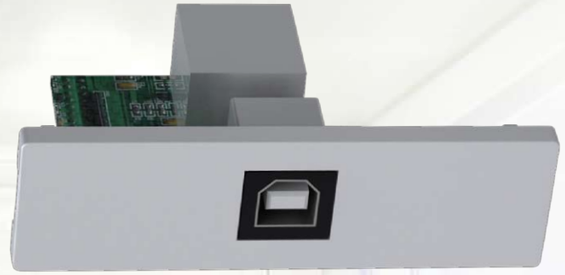
ACCESSORIES INCLUDED

- 1 x Euro IEC Power cable 1.8m long
- 1 x UK IEC Power cable 1.8m long
- 1 x Cutout Template
- 2 x Mounting Ears
- 1 x UK Power Module with IEC power cable
- 1 x EU Power Module with IEC power cable
- 2 x VGAF3.5MM Module
- 1 x RJ45 Ethernet Module
- 1 x Twin-RJ45 Module
- 1 x Blank Module

Manu code: TC2-TILT / Part code: 1584482

TECHCONNECT² TWIST

USB-over-Twisted Pair Transmitter and Receiver Module



NEW! The new Techconnect² Twist converts USB to be run over Ethernet cable, allowing flexible placement of the AV faceplate with respect to the interactive whiteboard. Installers are no longer restricted by the USB 5m maximum cable length.

TRANSMITTER AND RECEIVER

All parts are included in one box. Just install the transmitter module into the faceplate, and mount the receiver at the remote USB device. The receiver has a low-profile design to fit neatly into SA4 trunking or Dado rail.

SELF-POWERED

The Techconnect Twist transmitter is powered by USB so no additional power adaptors are required.

UP TO 50 METRES

The USB specification limits the length of a cable to 5 meters. Converting the signal to run over a twisted-pair cable – also known commonly as CAT5 or Ethernet – allows the signal to travel up to 50m.

WEBCAM-READY

As well as interactive whiteboard applications, the Techconnect Twist can be used for other USB devices which work on USB 1.1 such as printers and webcams.

MODULAR

As part of the Techconnect² family of products the 'Twist' comes with a transmitter in the form of a modified USB-B module. To install it just clip it into place on any Techconnect² faceplate.

SPECIFICATIONS

RECEIVER DIMENSIONS: 95 × 24 × 21.2mm (length x width x height)

USB SPECIFICATION: 1.1

CONSTRUCTION MATERIAL: ABS Plastic

COLOUR: White

ACCESSORIES INCLUDED

- 2 x Mounting Screws
- 1 x Transmitter
- 1 x Receiver

Manu code: TC2-USBTP
Part code: 1795080

DAVE SAYS...

"The applications are not limited to whiteboards. It even works with webcams!"

WHAT OUR CUSTOMERS SAY:

"The Vision product range just keeps on getting better and their customer support has never let us down yet. This enables Midland Technologies to continue delivering installations that are second to none, at an affordable price."

midlandtechnologieslimited

Jon Hempson
Midland Technologies Limited

TECHCONNECT² MODULES

AV Specific Modules

3-PHONO

This 3-phono has interchangeable coloured rings to denote yellow/red/white (for composite video and audio), or red/green/blue (for component video). Also known as a Cinch or RCA connector.

Manu code: TC2 3PHO
Part code: 1643926

BLANK

Simple blank modules for blanking off unused slots in the surround.

Manu code: TC2 BLANK
Part code: 1643928

SERIAL MALE

9-pin D-sub connector commonly used for control applications.

Manu code: TC2 SERIALM
Part code: 1643931

SVIDEO AND 2-PHONO

Useful for connecting a DVD player to a projector, S-video is far superior to composite video. This also has dual phono for stereo audio.

Manu code: TC2 SVID2PHO
Part code: 1643917

USB A (ON FRONT) TO B

This has a “B” type socket on the rear as found on a printer chassis, and an “A” type socket on the front laptop chassis.

Manu code: TC2 USBA
Part code: 1643918

USB B (ON FRONT) TO A

This has an “A” type socket on the rear as found on a laptop chassis, and a “B” type socket on the front as found on a printer chassis.

Manu code: TC2 USBB
Part code: 1643919

FEMALE VGA

Common 15-pin D-Sub type connector for PC display outputs.

Manu code: TC2 VGAFI
Part code: 1643901

VGA-F AND MINIJACK

Common 15-pin D-Sub type connector for PC display outputs. 3.5mm Minijack audio socket included.

Manu code: TC2 VGAF3.5MM
Part code: 1643902

VGA-F D-SUB AND MINIJACK

Common 15-pin D-Sub type connector with a female socket on the rear rather than a phoenix connector. 3.5mm Minijack audio socket included.

Manu code: TC2 VGAF3.5MMD
Part code: 1643904

MALE VGA

Common 15-pin D-Sub type connector for PC display outputs.

Manu code: TC2 VGAM
Part code: 1643905

POWER SOCKET (AU)

Type I 10A/240V Female power socket for use in Australia, New Zealand, Fiji, Argentina, and Papua New Guinea. For use in the Techconnect² Tilt.

Manu code: TCAU PWR
Part code: 1861094

Home-Cinema Specific Modules

SINGLE PHONO

For use with RG59 coaxial cable for composite video signal. Also known as a Cinch or RCA connector.

Manu code: TC2 1PHO
Part code: 1643910

BNC

Commonly used by AV professionals for composite video signal transmission or SDI. Its robust design means it has a better suited impedance profile, and locking mechanism

Manu code: TC2 BNC
Part code: 1643929

HDMI (US)

Female socket on the PCB at rear allows easy connection of an HDMI cable. Cable exits at 90 degrees to module. Suitable to hollow walls. Carries digital audio and video over one cable. 1080P-enabled.

Manu code: TCUS HDMI
Part code: 1661957

HDMI

Female socket on the PCB at rear allows easy connection of an HDMI cable. Carries digital audio and video over one cable. 1080P-enabled.

Manu code: TC2 HDMI
Part code: 1643913

F AERIAL

Female to female F barrel. F connectors have a pin and threaded locking mechanism and are commonly found on Sky receivers. The UK version has an imperial thread. The EU version is suitable for everywhere else in the world.

UK Manu code: TC2 F
UK Part code: 1643930
EU Manu code: TC2 FEU
EU Part code: 1661901

RF AERIAL

With integrated female to female barrel. RF connectors are used for aerials, and are commonly found on the rear of VCRs.

Manu code: TC2 RF
Part code: 1643914

TECHCONNECT² MODULES

Audio Specific Modules

2-PHONO WITH VOLUME

For use with stereo audio cable. Volume pot provides convenient control of volume, especially useful when using powered speakers that are not in easy reach.

Manu code: TC2 2PHOVOL
Part code: 1643911

3.5MM MINIJACK WITH VOLUME

For use with stereo audio cable. Volume pot provides convenient control of volume, especially useful when using powered speakers that are not in easy reach.

Manu code: TC2 3.5MMVOL
Part code: 1643912

3.5MM MINIJACK

For use with stereo audio cable.

Manu code: TC2 3.5MM
Part code: 1740258

6.3MM JACK

Also known as a 1/4" Jack, this socket is commonly used in professional audio applications for stereo or balanced audio signal.

Manu code: TC2 6.3MMF
Part code: 1643927

4-BARE WIRE TERMINAL

Used for speaker cable, these spring terminals are quick and secure.

Manu code: TC2 SPEAKER
Part code: 1643932

SPEAKON

Also known as NL-4, this is a versatile professional audio connector exclusively used for speaker cable.

Manu code: TC2 SPEAKON
Part code: 1643933

FEMALE XLR

Double-space accommodates a professional audio XLR connector for microphones and balanced line-level signals.

Manu code: TC2 XLRF
Part code: 1643906

MALE XLR

Double-space accommodates a professional audio XLR connector for microphones and balanced line-level signals.

Manu code: TC2 XLRM
Part code: 1643921

Network Specific Modules

RJ45/RJ11

Shielded female to female ethernet socket, which is backwards compatible with RJ11 phone jacks.

Manu code: TC2 RJ45
Part code: 1643915

DUAL RJ45/RJ11

Two shielded female to female ethernet sockets, which are backwards compatible with RJ11 phone jacks.

Manu code: TC2 2RJ45
Part code: 1643916

TECHCONNECT² BACKBOXES AND SURROUNDS

UK / Europe / South Africa

SINGLE-GANG UK SURROUND

Single-gang frame which accommodates two modules. Fits to any standard single-gang UK backbox (pattress).

Manu code:
TC2 SURR1G
Part code: 1622115

SINGLE-GANG SURFACE MOUNT UK BACKBOX

Standard single-gang UK surface-mount backbox (pattress) 45mm deep.

Manu code: TC2 BACKBOX1G / Part code: 1643922

DOUBLE-GANG FLUSH MOUNT UK MUD-RING

Standard double-gang UK flush-mount mud-ring for hollow walls.

Manu code: TC2 MUDRING2G
Part code: 1643908

DOUBLE-GANG UK SURROUND

Double-gang frame which accommodates five modules. Fits to any standard double-gang UK backbox (pattress).

Manu code:
TC2 SURR2G
Part code: 1622104

DOUBLE-GANG SURFACE MOUNT UK BACKBOX

Standard double-gang UK surface-mount backbox (pattress) 45mm deep.

Manu code: TC2 BACKBOX2G / Part code: 1620805

DOUBLE-GANG UK SURROUND - BLANK

Double-gang frame which hides TC-AMP2 power supply in backbox. Fits to any standard double-gang UK backbox (pattress).

Manu code:
TC2 SURR2GB
Part code: 1613667

EUROPEAN TRUNKING ADAPTOR

Replaces the function of a backbox for five different common sizes of Dado trunking in Europe. Works for single-gang or double-gang surrounds.

Manu code: TC2 ADAPTOR / Part code: 1461181

TECHCONNECT² BACKBOXES AND SURROUNDS

Australia / New Zealand

DOUBLE-GANG 2 MODULE AU SURROUND

Double-gang portrait frame which accommodates two modules. Fits any standard double-gang Australian backbox (e.g. Clipsal).

Manu code:
TCAU SURR2
Part code: 1647885

DOUBLE-GANG 3 MODULE AU SURROUND

Double-gang portrait frame which accommodates three modules. Fits any standard double-gang Australian backbox (e.g. Clipsal).

Manu code:
TCAU SURR3
Part code: 1598804

DOUBLE-GANG FLUSH MOUNT AU MUD-RING

Standard double-gang Australian flush-mount mud-ring for hollow (or dry) walls.

Manu code:
TCAU MUDRING
Part code: 1584557

US / Canada

3-GANG US SURROUND

3-gang frame which accommodates six modules. Fits any standard 3-gang US backbox.

Manu code:
TCUS SURR3G
Part code: 1532067

3-GANG FLUSH MOUNT US MUD-RING

Standard 3-gang US flush-mount mud-ring for hollow (or dry) walls.

Manu code:
TCUS MUDRING3G
Part code: 1643924

3-GANG SURFACE MOUNT US BACKBOX

Standard 3-gang US surface-mount backbox (pattress) 45mm deep.

Manu code:
TCUS BACKBOX3G
Part code: 1475358

1-GANG US SURROUND

3-gang frame which accommodates six modules. Fits any standard 3-gang US backbox.

Manu code:
TCUS SURR1G
Part code: 1643925

1-GANG FLUSH MOUNT US MUD-RING

Standard 1-gang US flush-mount mud-ring for hollow (or dry) walls.

Manu code:
TCUS MUDRING1G
Part code: 1643909

TECHCONNECT² MOUNTING HARDWARE/CABLES

Techconnect² Cables

1-PHONO (RCA)

One end pre-terminated phoenix connector ready to plug into back of Techconnect² Module. Moulded connector on the other end. 26AWG

10m Manu code: 10M1PHO
Part code: 1461162

15m Manu code: 15M1PHO
Part code: 1472522

20m Manu code: 20M1PHO
Part code: 1461170

3.5MM MINIJACK

One end pre-terminated phoenix connector ready to plug into back of Techconnect² Module. Moulded connector on the other end. 26AWG

10m Manu code: TC 10M3.5MM
Part code: 1461164

15m Manu code: TC15M3.5MM
Part code: 1474524

20m Manu code: 20M3.5MM
Part code: 1461172

2-PHONO (RCA)

One end pre-terminated phoenix connector ready to plug into back of Techconnect² Module. Moulded connector on the other end. 26AWG

10m Manu code: 10M2PHO
Part code: 1461163

15m Manu code: 15M2PHO
Part code: 1472523

20m Manu code: 20M2PHO
Part code: 1461171

VGA

One end pre-terminated phoenix connector ready to plug into back of Techconnect² Module. Moulded connector on the other end.

Ferrite core included on moulded connector end. Individually shielded coaxial cables for red, green and blue. 28AWG

10m Manu code: TC 10MVGA
Part code: 1461166

S-VIDEO

One end pre-terminated phoenix connector ready to plug into back of Techconnect² Module. Moulded connector on the other end. 28AWG

10m Manu code: 10MSVID
Part code: 1461165

15m Manu code: 15MSVID
Part code: 1461167

20m Manu code: 20MSVID
Part code: 1461173

AV-1000 2 x 12w Powered Speakers

NEW! Vision's new powered-speaker has a built-in analogue amplifier outputting 2 x 12w (RMS) for small training rooms and classrooms where a simple audio reinforcement system will do.

2 X STEREO INPUTS

Two flexible line-level inputs are positioned on the rear panel: 1 x 2-phono socket, and 1 x mini-jack socket.

IR REMOTE CONTROL

Powered speakers are often mounted high out of reach with inaccessible volume dials. The AV-1000 has a remote control included which offers separate bass and treble adjustment.

LEVEL CONTROL OPTIONS

With the AV-1000 installers have various ways of allowing volume adjustment:

1. Route audio through your projector and use the projector remote for volume control
2. Use the volume dial on the back of the master speaker
3. Use the remote control
4. Use the Techconnect² Control² which integrates control into your faceplate.

EASY FIT

The included wall brackets allow quick one-man fitting and adjustment. The unique brackets allow the speakers to be pulled away from the wall and turned 90° which still being attached to the bracket – easy access to the rear panels.

MASTER-SLAVE CONFIGURATION

The master speaker contains the amplifier, and the slave connects to it with a single speaker cable allowing flexible placement for optimum coverage. The speakers can be positioned as close or distant as necessary.

2-WAY BASS REFLEX

A vented bass reflex design maximises the 4" main driver excursion allowing natural, full-range bass.

SPECIFICATIONS

SPEAKER DIMENSIONS:
240×155×196mm (height x width x depth)

PRODUCT WEIGHT: 5.5kg per pair

TECHNICAL DETAILS:

Frequency response: 78Hz-20,000kHz

Output impedance: 4 Ohms

Total Harmonic Distortion: <1%

CONSTRUCTION MATERIAL: MDF

CUTOUT DIAMETER: 220-226mm

COLOUR: White

POWER SUPPLY:
230V Internal Power Supply

ACCESSORIES INCLUDED

- 1 x Euro Figure-8 Power cable 1.8m long
- 1 x UK Figure-8 Power cable 1.8m long
- 1 x 2-phono to 3.5mm minijack cable 2m long
- 2 x Mounting Brackets
- 1 x 5m Speaker Cable
- 1 x Remote Control with battery

Manu code: AV-1000 / Part code: 1813805

AV-1500 2 x 25w Digital Amplifier

NEW! Harnessing the latest digital amplifier and touch-control technology, the new AV-1500 is powerful, compact, flexible, easy to use and uses no power at idle.

D-CLASS AMPLIFIER

2 x 25w RMS (at 8 ohms) low impedance digital power amplifier, capable of driving up to 4 speakers.

TOUCH CONTROL

The input and power on/off buttons are sleek touch buttons. Fewer moving parts means less noise and more reliable. The backlit dials are clear and easy to use. Useful LED indicators show the volume levels even in low light environments.

CEILING AMPLIFIER WITH GROUND LIFT

Uniquely, the AV-1500 can be used in tandem with a ceiling-mounted projector so you can intuitively use the projector remote control to select inputs and adjust volume. Simply mount the amplifier up in the ceiling above the projector (making it much harder to steal), and run all of the audio through the projector into the AV-1500. The AV-1500 has a power output socket so that the projector and amp can share the same power outlet, and it also has a ground-lift switch to eliminate noise sometimes induced on audio signals by data projectors. Easy!

MOUNTING EARS

Included Mounting hardware allows attachment to a wall, projector pole, or rack. It has 1U / half-rack-width chassis.

FLEXIBLE INPUTS AND OUTPUT

4 x stereo inputs (via phono connectors) and a line-level output which can feed a subwoofer for bass reinforcement, or a tape recorder, or even to a larger amplifier if you need more power!

XLR MICROPHONE INPUT WITH 'PHANTOM POWER'

The microphone input is via a professional XLR connector, which means it is balanced to eliminate electro-magnetic noise induced on long cables, and outputs "Phantom Power" – a voltage which is required by lectern and other sensitive condenser microphones. This is unique to the AV-1500 in its class.

Ceiling Pole Configuration

Rack Configuration

SPECIFICATIONS

AMPLIFIER DIMENSIONS:
220 x 148x 44mm

PACKAGED WEIGHT: 2.5kg

COLOUR: Black

INPUTS:
4 x Stereo inputs via phono connectors
1 x Microphone inputs via balanced XLR

OUTPUTS:
1 x Stereo Line-level output via phono connectors

TECHNICAL DETAILS:

2 x 25w @ 8 ohms

Total Harmonic Distortion <2%

Frequency response (line in): 20Hz~17kHz

Signal to noise ratio (line in): 75dB

Rating input level/Impedance:

line in 400~450mV/47kohms

Power consumption (rating condition): <=100W

POWER RATING:
100~240V Internal Power Supply

ACCESSORIES INCLUDED

- 1 x 2-phono to 2-phono cable 2m long
- 1 x 2-phono to 3.5mm minijack cable 2m long
- 1 x Euro Figure-8 Power cable 2m long
- 1 x UK Figure-8 Power cable 2m long
- 2 x Unshielded Speaker Cable 5m long
- 1 x Pair wall/pole mounting ears
- 1 x Pair rack mounting ears

Manu code: AV-1500 / Part code: 1584480

AV-1301 2 x 25w Analogue Amplifier

Fully revised circuitry makes it the most robust amplifier in its class. This workhorse works faultlessly in any environment: corporate, education and training, or worship. It offers 4 x stereo inputs on the rear panel, with another two microphone inputs on the front panel for voice reinforcement. Simply plug in your iPod, laptop, CD player – or any kind of device you need to amplify.

EVERYTHING INCLUDED

The AV-1301 comes with speaker cable plus “minijack to 2-phono” and “2-phono to 2-phono” patch cables which allow you to connect everything straight out of the box.

SIMPLE INTERFACE

A simple front panel design means low-tech end users will easily understand how to get their audio going. Just turn it on and turn it up.

PROFESSIONAL SOUND

Capable of driving most common low-impedance speakers with up to 100w power handling, the AV-1301 delivers clear, crisp sound with low noise. Natural sound and means your audience will hear you properly and with perfect clarity. For optimum performance we recommend the AV-1301 drives just one pair of speakers, but if need be you can power two pairs of speakers (4ohms).

SECURE

Some environments suffer from theft so the AV-1301 has an integrated lock anchor point. Just attach a Kensington security tether to add an extra level of visual and physical security.

APPLICATIONS

The maximum room size depends on the reverberant qualities of the room, and the program material you want to play through the amplifier. As a rule of thumb we recommend the maximum room size is 8 x 6m.

DAVE SAYS...

“Teachers love how input cables are included. They don’t have to fight over cables anymore.”

SPECIFICATIONS

AMPLIFIER DIMENSIONS:
420 x 290 x 100mm

PACKAGED WEIGHT: 5.6kg

COLOUR: Black

INPUTS:
4 x Stereo inputs via phono connectors

2 x Microphone inputs via 6.3mm jack

[No Phantom power (48v). Condenser microphones must have own battery pack]

TECHNICAL DETAILS:

2 x 25w @ 8 ohms

Total Harmonic Distortion less than or equal to 1% (80H~12.5kHz)

Frequency response (line in): 80Hz~12.5kHz(±2dB)

Signal to noise ratio (line in): more than or equal to 77dB (A-weighted)

Rating input level/Impedance: line in 500mV/47kohms Microphone in 15mV/600ohms

Power consumption (rating condition): less than or equal to 90W

POWER RATING:
230V Internal Power Supply

ACCESSORIES INCLUDED

- 1 x 2-phono to 2-phono cable 2m long
- 1 x 2-phono to 3.5mm minijack cable 2m long
- 1 x Euro Figure-8 Power cable 2m long
- 1 x UK Figure-8 Power cable 2m long

Manu code: AV-1301 / Part code: 1461107

BUY BUNDLED WITH VISION LOUDSPEAKERS FOR FURTHER DISCOUNT:

AV-1301 AND BLACK WALL SPEAKERS BUNDLE
Manu code: AV-1301+SP-1300B
Part code: 1520212

AV-1301 AND WHITE WALL SPEAKERS BUNDLE
AV-1301 +SP-1300W / Part code: 1532095

AV-1301 AND CEILING SPEAKERS BUNDLE
AV-1301 +CS-1300 / Part code: 1540772

SP-1300 Pair 2-Way Wall Loudspeakers

Attractive and discreet; Vision’s wall speakers offer clear, powerful audio reinforcement in a compact form factor. Available in black or white.

NEW! REVISED WALL BRACKET INCLUDED

The fully revised ball-joint brackets have been updated to make them easier for one person to install. With flexible mounting options to allow installers to arrange the loudspeakers evenly throughout the room, the ball-joint bracket allows exact positioning to create an expansive stereo image. Also included is a fall-arrest safety cable to remove the risk of injury.

HIGH DEFINITION

With a passive crossover to ensure a smooth low-mid range response, and a 4” driver dedicated to bass and mid, the SP-1300 gives clearer, crisper midrange. The ¾” silk dome tweeter adds needle-sharp top end all the way to 20kHz. 86dB sensitivity belies that more effort has gone into making these loudspeakers sound good, rather than just being outright loud.

SPECIFICATIONS

SPEAKER DIMENSIONS:
230 x 160 x 120mm

SPEAKER WEIGHT: 3.5kg (per pair)

POWER HANDLING: 70W RMS

WOOFER: 4”

TWEETER: ¾” Silk

SPEAKER TERMINALS:
Bare-wire spring type

NOMINAL IMPEDANCE: 8 ohms

SENSITIVITY: 86dB (1w/1m)

FREQUENCY RESPONSE: 80Hz-20kHz

COLOUR: Black or White

ACCESSORIES INCLUDED

- Ball-point wall brackets with fall-arrest cables

Manu code: SP-1300B / SP-1300W
Part code: 1461158 / 1461159

DAVE SAYS...

“Vision has revised the ball-joint bracket to make them easier to install.”

CS-1300 Pair 8” Ceiling Loudspeakers

Ensure everyone in the audience can hear clearly! The CS-1300 ceiling speakers feature a two-way design offers a full-bandwidth delivery full of control and clarity.

QUALITY COMPONENTS

The main driver is a 6.5” polypropylene cone, complimented by a ferro-fluid cooled silk tweeter set in a swivel mount for fine tuning of the stereoscopic image. These low impedance speakers don’t sacrifice frequency range in the way that the transformer on 100/70v speakers inherently do, meaning lower bass extension and higher treble without distortion. They are a perfect alternative for situations where wall speakers are not appropriate.

DESIGNED FOR AV APPLICATIONS

When ceiling speakers mount into plenum space the ceiling acts as an infinite baffle. The result is it’s harder to use the volume of air behind the speaker to reinforce the sound coming out the front – which is what a bass reflex does in traditional chassis speakers. Because of this ceiling speakers inherently lack power at the bottom end, so we’ve tuned these to have a slightly louder sensitivity of 89dB to punch through high-noise environments.

SIMPLE TO FIT

Simple to mount into false ceiling tiles, the CS-1300 is the audio contractor’s ultimate product for ease of installation. Get a 210mm hole-saw (such as a Starrett STRHS210 with an arbor), drill a hole, and fit the speaker! It’s clean and easy.

SPECIFICATIONS

SPEAKER DIMENSIONS: 235 x 105mm (91/4 x 41/8”)

CUTOUT SIZE: 202mm (8”)

MOUNTING DEPTH: 95mm (33/4”)

SPEAKER WEIGHT: 3kg (per pair)

POWER HANDLING: 30W RMS

WOOFER: 6.5”

TWEETER: 1” Silk

SPEAKER TERMINALS: Bare-wire spring type

NOMINAL IMPEDANCE: 8 ohms

SENSITIVITY: 89dB (1w/1m)

FREQUENCY RESPONSE: 80Hz-20kHz

COLOUR: White

Manu code: CS-1300
Part code: 1461131

DAVE SAYS...

“Dead-easy to install and the best sounding ceiling speakers in their class.”

TS-VGA 1:2 Distribution Amplifier

The full revised Techsplitter takes one VGA signal and duplicates it for display on two display devices. Perfect for presentation or retail applications.

NEW! INTERCHANGEABLE POWER PLUG

From June the Techsplitter will come with an improved power transformer with interchangeable plugs for different countries. These include UK, EU, US, and Australian/New Zealand prongs.

HIGH DEFINITION

This high-bandwidth HD RGBHV splitter gets your computer image from A to B with technical integrity. With a maximum resolution of 1920 x 1440 the Techsplitter is easily capable of transmitting HD signals.

CLIP-ON MOUNTING EARS

Easy clip-on mounting ears are included which allow easy attachment under tables, in cupboards, or lecterns.

BOOSTS AND BUFFERS

A computer image is split over 5 cables for transmission and is very weak, so it’s important to keep each of the five signals at full strength. Every join reduces the signal strength by 3dB, so it’s important to boost the signal as you go. Simply by introducing the VGA Splitter into the chain you can ensure maximum quality transmission over a long distance. Note: Theoretically there is no limit to the number of splitters that can be chained, but the quality will deteriorate as you chain further and further away from the video signal.

QUICK CONNECTION

RGBHV signal (informally known as “VGA”) can be carried over five professional BNC interconnect cables, or for convenience we use 15-pin sockets as seen commonly on LCD monitors, projectors, and laptops. This cable provides a reliable and cheap method for quickly connecting devices.

DAVE SAYS...

“VGA shouldn’t be run over cables longer than 20m without boosting.”

SPECIFICATIONS

CHASSIS DIMENSIONS: 145 x 55 x 28mm

PRODUCT WEIGHT: 200 grams

COLOUR: Gun Metal

TECHNICAL DETAILS:
Maximum resolution: 1920 x 1440
Horizontal frequency: 30-100Hz
Vertical frequency: 43-120Hz
Bandwidth: 250MHz

ACCESSORIES INCLUDED

- External 230v Power Transformer

Manu code: TS-VGA / Part code: 1707561

TM-1200 Universal Projector Ceiling Mount

Securing 99% of projectors safety and sturdily to ceilings, the TM-1200 has a fixed 1.1m pole which is cut to length onsite, so it suits the professional installer who does multiple installations a day and wants a fast, flexible product. The fixed pole has greater rigidity than telescopic mounts and because it is cut it to length it has an infinitely variable length.

FLUSH MOUNT

Built in flexibility allows quick assembly in a number of configurations including “flush-mount” where the projector is as close to the ceiling as possible.

SLOPING CEILINGS?

A tilting mechanism is included which tilts to a full 90 degrees.

SAFETY APPROVED

A safety fall-arrest tether is included. Independent testing on calibrated test equipment measured a breaking-strain of half a ton! Vision recommends a maximum safe working load of 10kg which is well within the limits of the product, and up to BSi installation standard specification (PAS122:2009).

EASY FIT

Fitting the bracket to the projector is simple; almost all projectors have threaded inserts in the bottom for attachment. Simply adjust the arms over the attachment holes, and insert a screw into the projector.

OBSTRUCTION-FREE CABLE MANAGEMENT

Rather than having a bolt that runs through the pipe and blocks cable access, the TM-1200 uses a unique 4-bolt system which leaves cable access clear - even for a big VGA connector and an IEC power plug.

TOOLS INCLUDED

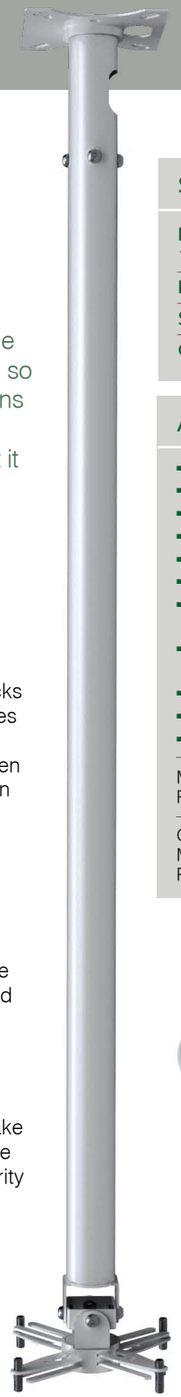
A spanner and pin-hex key are included. The only tool you’ll need is a 2” pipe cutter. TM-1200 even comes with a unique drilling jig so you can easily and accurately drill 9mm holes into the pole.

SECURE

Quick-release mechanisms make projectors easier to steal, so the TM-1200 features secure security bolts.

TRIM DISC

Enhance aesthetics with the retrofittable trim disk which is fitted in false-ceiling environments to properly finish the installation.



SPECIFICATIONS

BOX DIMENSIONS: 1300 x 160 x 90mm

PRODUCT WEIGHT: 6kg

SAFE WORKING LOAD: 10kg

COLOUR: Satin White

ACCESSORIES INCLUDED

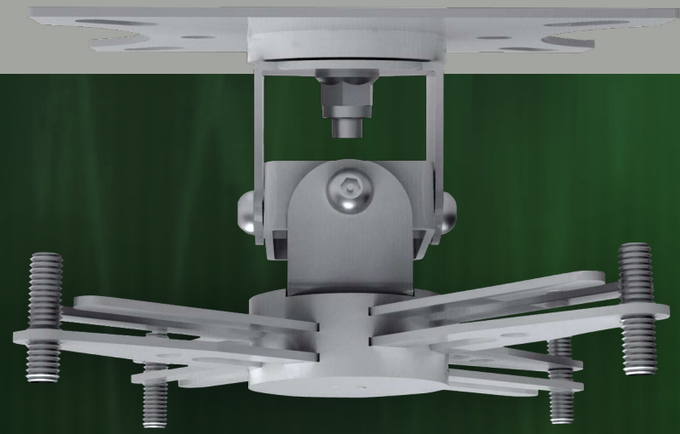
- 1 x H50 Pin-Hex key
- 1 x 17mm Spanner
- 4 x M3 43mm screws
- 4 x M4 43mm screws
- 4 x M5 43mm screws
- 4 x M6 43mm screws
- 4 x M2.5 43mm pan slot for Optoma & Acer
- 4 x M8 50mm Ceiling Fixtures with rawl plugs
- 1 x Drilling Jig
- 1 x Safety Tether
- 1 x Ceiling Trim Disc

Manu code: TM-1200
Part code: 1562435

Optional 1m Extension Pole:
Manu code: TM-1200 EXT1M
Part code: 1562436

TECHMOUNT

TM-CC Close-Couple Universal Projector Mount



NEW! The Techmount TM-CC is designed for applications where no ‘drop’ is required, so there is no pole is included and other unnecessary parts have been stripped out of the kit.

ROBUST CONTRUCTION

High standard of finish and over-engineered for stability and safety. A rugged high-quality satin-white finish blends with ceiling tiles.

MANOEUVRABLE

The top and bottom parts can rotate 360 degrees, and the spider arms have a maximum span of 340mm. Tools are included including a spanner and pin-hex key.

CATHEDRAL-CEILING READY

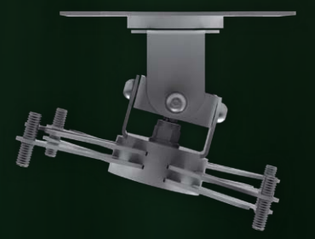
A tilting mechanism is integrated allowing you to use the bracket with cathedral-type ceilings.

FALL-ARREST TETHER

As with all projector Techmounts a safety cable is included to attach to the projector. The TM-CC has a recommended maximum safe working load (SWL) of 10kg which is well within the limits of the product.

PIN-HEX BOLTS

The TM-CC comes with secure pin-hex bolts to deter thieves.



DAVE SAYS...
“With the TM-1200 make sure you use a pipe cutter with a 6-67mm range and metal cutting disk”

SPECIFICATIONS

BOX DIMENSIONS: 244 x174x120mm

PACKAGED WEIGHT: 1.9kg

SAFE WORKING LOAD: 10kg

COLOUR: Satin White

PALLET QTY: 360

WARRANTY: 2-year return to base

ACCESSORIES INCLUDED

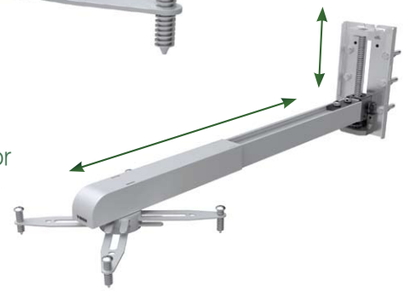
- 1 x H50 Pin-Hex key
- 1 x 17mm Spanner
- 4 x M2.5 43mm pan slot for Optoma & Acer
- 4 x M3 43mm screws
- 4 x M4 43mm screws
- 4 x M5 43mm screws
- 4 x M6 43mm screws
- 4 x M8 50mm Ceiling Fixtures with rawl plugs
- 1 x Safety Tether

Manu code: TM-CC
Part code: 1932372

TM-ST Ultra-Short-Throw Projector Wall Mount

WINNER
AV Awards "Display Solution of the Year"
2009

FINALIST
InAVate Awards "Mounting Solution of the Year"
2010



The Techmount TM-ST caters for all Short-Throw and Ultra-Short-Throw. No extra parts required.

UNIQUE DESIGN

With an innovative new lateral height adjustment it overcomes many of the common difficulties of wall boom installations, resulting in easy setup and fine tuning.

EASY-CUT BOOM

The wall plate is made of steel for rigidity, and the boom is extruded from aluminium to reduce the overall cantilever load on the wall, and to allow excess length to be easily cut off.

EASY BOOM HEIGHT ADJUSTMENT

Ultra short-throw projectors are susceptible to poor setup; tilting fore and aft will always result in an inferior image with uneven focus. The clever vertical adjustment screw means you adjust the boom to the correct throw distance, and turn the adjustment screw on the wall plate for height adjustment. The projector is kept perfectly perpendicular to the screen resulting in a perfect image!

TELESCOPIC DESIGN

One part of the boom slides along the other part giving a 0-1550mm range of movement. That's enough for most short-throw projectors to project onto a 78" whiteboard.

1.5M LONG BOOM

The standard boom is 1.5m long, and a tilting mechanism is included to allow tilt adjustment for short-throw projectors.

MOUNTING TEMPLATE INCLUDED

A useful paper template is included to help installers locate the wall plate with respect to common whiteboards.

SPECIFICATIONS

POLE LENGTH: 450-1550mm

WALLPLATE FOOTPRINT:
224 X 114mm (height x width)

BOX DIMENSIONS:
1400x150x140mm

PACKAGED WEIGHT: 5kg

SAFE WORKING LOAD:
7.5kg (4.5kg if using extension pole)

COLOUR: Satin White

ACCESSORIES INCLUDED

- 1 x 4mm Pin-Hex key
- 1 x 5mm Pin-Hex key
- 4 x M2.5 43mm pan slot for Optoma & Acer
- 4 x M3 43mm screws
- 4 x M4 43mm screws
- 4 x M5 43mm screws
- 4 x M6 43mm screws
- 4 x ST8 50mm Wall Fixtures with rawl plugs
- 1 x Wall Plate Covers
- 1 x Boom Cover
- 1 x Safety Fall-Arrest Tether
- 1 x Tilting Mechanism

Manu code: TM-ST
Part code: 1937671

Optional Sanyo XE-50, XL-50, and XL-51 Adaptor:
Manu code: TM-UST SAN
Part code: 1833003

DAVE SAYS...

"Ultra-short-throw projectors should always be kept perpendicular to the screen – otherwise the image will never look good."

Vision is obsessed with developing innovative products and backing them up with great support. If you have any questions about any of our products, just contact our support team at www.visionaudiovisual.com and we will be glad to help.

Where to Buy Vision Products

AUSTRALIA

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e: sales@isupplies.com.au

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